Please type a plus sign (+) inside this box [+]

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.

T95-006-2

First Named Inventor or Application Identifier \_Baichwal et al.

Title RIP: Novel Human Protein Involved in Tumor Necrosis Factor Signal Transduction

Express Mail Label No. EL071088629US

EL071088629US

ADDRESS TO:

**Assistant Commissioner for Patents** 

Box Patent Application Washington, D. C. 20231

| ΔPF | I ICA | MOITA | FIFI | MENTS |
|-----|-------|-------|------|-------|
|     |       |       |      |       |

See MPEP chapter 600 concerning utility patent application contents.

- 1. X \*Fee Transmittal Form (Submit an original, and a duplicate for fee processing)
- 2. X Applicant claims small entity status (see 37 CFR 1.27)
- 3. X Specification (Total Pages 20

(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure
- 4. \_ Drawings(s) (35 USC 113) (Total Sheets \_\_\_\_\_)
- 5. X Oath or Declaration (Total Pages 2 )
  - a. \_\_\_ Newly Executed (Original or Copy)
  - b. X Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 17 completed)
  - i. <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- 6.\_\_\_\_ Application Data Sheet. See 37 CFR 1.76
- 7. \_\_\_ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. X Nucleotide and/or Amino Acid Sequence Submission

12/01/97

|        | (if app<br>a.<br>b.<br>c.<br>d. | Dlicable, all necessary)  Computer Readable Form (CRF) Specification Sequence Listing on: i CD-ROM or CD-R (2 copies); or ii p  X Statement verifying identity of above copies X Request to use CRF from another application   | aper        |
|--------|---------------------------------|--|-------------|
| 9.     | <u>X</u>                        | ACCOMPANYING APPLICATION PARTS Assignment Papers (cover sheet & documents(s))  | 003         |
| 10.    | <u>X</u><br>_X_                 | 37 CFR 3.73(b) Statement (where there is an assignee)  | 9/758       |
| 11.    |                                 | Power of Attorney  English Translation Document (if applicable)  |             |
| 12.    | X_                              | a. Information Disclosure Statement (IDS)/PTO-1449   |             |
| 12.    |                                 | b. Copies of IDS Citations   |             |
| 13.    | X                               | Preliminary Amendment  |             |
| 14.    | <u>X</u>                        | Return Receipt Postcard (MPEP 503) (Should be specifically itemize   | ed)         |
| 15.    |                                 | Certified Copy of Priority Document(s) (if foreign priority is claimed)  | ou,         |
| 16.    | ******                          | Other:   |             |
|        |                                 |  |             |
|        |                                 |  |             |
| 17.    | Prior                           | •  |             |
|        |                                 | ation claims priority to prior application No: <u>09/132,118</u>   | •           |
| The en | itire disc<br>sure of t         | cation information: Examiner Group Art Unit _164 closure of the prior application, from which an oath or declaration is supplied under 5b, is considered a the accompanying application and is hereby incorporated by reference. The incorporation can only be reference inadvertently omitted from the submitted application parts. | part of the |
| 18.    |                                 | prrespondence Address  |             |
| X      |                                 | stomer Number or Bar Code Label  |             |
|        |                                 | (Insert Customer No. or Attach Bar Code Label  | here)       |
| X      | Cor                             | rrespondence Address Below PATENT TRADEMARK OFFICE   |             |
|        | _ 001                           | rrespondence Address Below PATENT TRADEHARK OFFICE   |             |
| NAMI   | Ξ                               | Richard Aron Osman   |             |
|        |                                 | SCIENCE & TECHNOLOGY LAW GROUP   |             |
| ADDF   | RESS                            | 75 Denise Drive  |             |
| CITY   | Hillsb                          | oorough STATE California ZIP CODE 94010  |             |
| Count  | try                             | U.S.A. TELEPHONE (650) 343-4341 FAX (650) 343-4342   | ·           |
| Name   | e: <u>Rich</u>                  | hard Aron Osman Registration No: 36,627  |             |
| Signa  | ture:                           | Date: January 8, 2001  |             |

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

### **FEE TRANSMITTAL FOR FY 2001**

Fees are subject to annual revision

| TOTAL AMOUNT OF PAYMENT (\$) | \$485.00 | • |
|------------------------------|----------|---|
| Not yet assigned             |          |   |
| 1                            |          |   |

First Named Inventor Baichwal et al.

Group Art Unit 1646

Filing Date Herewith

Complete if Known: Application No.

Examiner Name Not vet assigned

Attorney Docket No. T95-006-2

### **METHOD OF PAYMENT** (check one)

- [ X ] The Commissioner is hereby authorized to charge indicated fees to:
  - Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit any over [ X ] payments to:
  - Applicant claims small entity status. See 37 CFR 1.27 [ X ]

**Deposit Account Number Deposit Account Name** 

19-0750

Science & Technology Law Group

- 2. **Payment Enclosed** Check
  - **Money Order**

**Small Entity** 

Other

### **FEE CALCULATION**

#### 1. **BASIC FILING FEE**

| Large E | Entity | Small | Entity |                                    |            |
|---------|--------|-------|--------|------------------------------------|------------|
| Fee     | Fee    | Fee   | Fee    |                                    |            |
| Code    | (\$)   | Code  | (\$)   | Fee Description                    | Fee Paid   |
| 101     | 710    | 201   | 355    | Utility application filing fee     | <u>355</u> |
| 106     | 320    | 206   | 160    | Design application filing fee      |            |
| 107     | 490    | 207   | 245    | Plant filing fee                   |            |
| 108     | 710    | 208   | 355    | Reissue filing fee                 |            |
| 114     | 150    | 214   | 75     | Provisional application filing fee |            |

SUBTOTAL (1) \$ 355.00

Fee from

#### 2. **CLAIMS**

Large Entity

|                           |              | <u>Extra</u> |   | <u>below</u> |   | Fee Paid |
|---------------------------|--------------|--------------|---|--------------|---|----------|
| Total Claims 30           | <b>-20</b> = | 10           | Χ | 9            | = | 90.      |
| Independent Claims 2      | 3 =          | 0            | Χ |              | = | 0        |
| Multiple Dependent Claims |              | 0            | Χ |              | = | 0        |

| Fee  | Fee  | Fee  | Fee  |   |          |
|------|------|------|------|---|----------|
| Code | (\$) | Code | (\$) | Fee Description   | Fee Paid |
| 103  | 18   | 203  | 9    | Claims in excess of twenty                              | 90.00    |
| 102  | 80   | 202  | 40   | Independent claims in excess of 3                       |          |
| 104  | 270  | 204  | 135  | Multiple dependent claim                                |          |
| 109  | 80   | 209  | 40   | Reissue independent claims over original patent         |          |
| 110  | 18   | 210  | 9    | Reissue claims in excess of 20 and over original patent |          |
| ì    |      |      |      |   |          |

SUBTOTAL (2)

\$ 90.00

# FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Fee   | Large                                     | Entity      | Sma <u>ll</u> E | ntity    |   |                    |  |  |
|---|---|-------------|-----------------|----------|---|--------------------|--|--|
| Code   (\$)   Code   (\$)   Fee Description   Fee Paid  |   |             |                 |          |   |                    |  |  |
| 105   |   |             |                 |          | Fee Description                               | Fee Paid           |  |  |
| 127   50   227   25   Surcharge - late provisional filling fee or cover sheet   139   130   139   130   139   130   Non-English specification   147   2,520   147   2,520   For filling a request for reexamination   12   920* 112   920* 112   920* 112   920* 112   920*   |   |             |                 |          | Surcharge - late filing fee or oath           |                    |  |  |
| or cover sheet  139 130 139 130 Non-English specification  147 2,520 147 2,520 For filing a request for reexamination  1290* 112 920* Requesting publication of SIR prior to Examiner action  131 1,840* 113 1,840* Requesting publication of SIR after Examiner action  115 110 215 55 Extension for response within first month  116 390 216 195 Extension for response within second month  117 890 217 445 Extension for response within fourth month  118 1,390 218 695 Extension for response within fourth month  128 1,890 228 945 Extension for response within firth month  129 310 210 155 Filing a brief in support of an appeal  120 310 220 155 Filing a brief in support of an appeal  121 270 221 135 Request for oral hearing  133 1,510 138 1,510 Petition to institute a public use proceeding  140 110 240 55 Petition to revive unavoidably abandoned application  141 1,240 241 620 Petition to revive unintentionally abandoned application  142 1,240 242 620 Design issue fee  144 600 244 300 Plant issue fee  143 440 243 220 Design issue fee  144 600 244 300 Plant issue fee  142 130 122 130 Petitions to the Commissioner  123 50 123 50 Petitions to the Commissioner  126 240 126 240 Submission of Information Disclosure Stmt  126 240 126 240 Submission of Information Disclosure Stmt  146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  Other fee (specify)  Other fee (specify) |   |             |                 | 25       | Surcharge - late provisional filing fee       |                    |  |  |
| 147   2,520   | •   | •••         |                 |          |   |                    |  |  |
| 147   2,520   | 139                                       | 130         | 139             | 130      | Non-English specification                     |                    |  |  |
| 112   920*   112   920*   Requesting publication of SIR prior to Examiner action   Examiner action  |   |             |                 |          | For filing a request for reexamination        |                    |  |  |
| Examiner action   |   |             |                 |          | Requesting publication of SIR prior to        |                    |  |  |
| Examiner action   |   | 020         | • • • •         |          |   |                    |  |  |
| Examiner action   | 113                                       | 1 840*      | 113             | 1.840*   | Requesting publication of SIR after           |                    |  |  |
| 115   |   | 1,010       |                 | .,       | Examiner action                               |                    |  |  |
| 116   390   216   195   | 115                                       | 110         | 215             | 55       |   | <u> </u>           |  |  |
| 117   |   |             |                 | -        |   |                    |  |  |
| 118   |   |             |                 |          |   |                    |  |  |
| 128   |   |             |                 |          | Extension for response within fourth month    |                    |  |  |
| 119   310   219   155   Notice of Appeal  |   |             |                 |          |   |                    |  |  |
| 120   |   | •           |                 |          | •   | -                  |  |  |
| 121   270   221   135   Request for oral hearing   138   1,510   138   1,510   Petition to institute a public use proceeding   140   110   240   55   Petition to revive unavoidably abandoned application   141   1,240   241   620   Petition to revive unintentionally abandoned application   142   1,240   242   620   Utility issue fee (or reissue)   143   440   243   220   Design issue fee   124   130   122   130   Petitions to the Commissioner   123   50   123   50   Petitions related to provisional applications   126   240   126   240   Submission of Information Disclosure Stmt   140   581   40   Recording each patent assignment per property (times number of properties)   40.00   146   710   246   355   For filing a submission after final rejection (see 37 CFR 1.129(a))   149   710   249   355   For each additional invention to be examined (see 37 CFR 1.129(a))   Other fee (specify)   SUBMITTED BY:  |   |             |                 |          |   |                    |  |  |
| 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive unavoidably abandoned application 141 1,240 241 620 Petition to revive unintentionally abandoned application 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 122 130 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 For filling a submission after final rejection (see 37 CFR 1.129(a)) 149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  SUBMITTED BY:   |   |             |                 |          |   | <del></del>        |  |  |
| 140   |   |             |                 |          |   |                    |  |  |
| application  141 1,240 241 620 Petition to revive unintentionally abandoned application  142 1,240 242 620 Utility issue fee (or reissue)  143 440 243 220 Design issue fee  144 600 244 300 Plant issue fee  122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties)  146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  |   |             |                 |          | Petition to revive unavoidably abandoned      |                    |  |  |
| 141   | 140                                       | 110         |                 |          |   |                    |  |  |
| abandoned application  142  1,240  242  620  Utility issue fee (or reissue)  143  440  243  220  Design issue fee  144  600  244  300  Plant issue fee  122  130  122  130  Petitions to the Commissioner  123  50  123  50  Petitions related to provisional applications  126  240  126  240  Submission of Information Disclosure Stmt  581  40  581  40  Recording each patent assignment per property (times number of properties)  146  710  246  355  For filling a submission after final rejection (see 37 CFR 1.129(a))  149  710  249  355  For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  | 141                                       | 1 240       | 241             | 620      |   |                    |  |  |
| 142 1,240 242 620 Utility issue fee (or reissue)  143 440 243 220 Design issue fee  144 600 244 300 Plant issue fee  122 130 122 130 Petitions to the Commissioner  123 50 123 50 Petitions related to provisional applications  126 240 126 240 Submission of Information Disclosure Stmt  581 40 581 40 Recording each patent assignment per property (times number of properties)  146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid   | 171                                       | 1,2.10      |                 |          |   |                    |  |  |
| 143       440       243       220       Design issue fee         144       600       244       300       Plant issue fee         122       130       122       130       Petitions to the Commissioner         123       50       123       50       Petitions related to provisional applications         126       240       126       240       Submission of Information Disclosure Stmt         581       40       581       40       Recording each patent assignment per property (times number of properties)       40.00         146       710       246       355       For filling a submission after final rejection (see 37 CFR 1.129(a))       (see 37 CFR 1.129(a))         149       710       249       355       For each additional invention to be examined (see 37 CFR 1.129(a))         Other fee (specify)         Other fee (specify)         SUBTOTAL (3)       \$ 40.00    **Reduced by Basic Filing Fee Paid   | 142                                       | 1.240       | 242             | 620      |   |                    |  |  |
| 144       600       244       300       Plant issue fee         122       130       122       130       Petitions to the Commissioner         123       50       123       50       Petitions related to provisional applications         126       240       126       240       Submission of Information Disclosure Stmt         581       40       581       40       Recording each patent assignment per property (times number of properties)       40.00         146       710       246       355       For filling a submission after final rejection (see 37 CFR 1.129(a))         149       710       249       355       For each additional invention to be examined (see 37 CFR 1.129(a))         Other fee (specify)         Other fee (specify)         SUBTOTAL (3)       \$ 40.00    *Reduced by Basic Filling Fee Paid  SUBMITTED BY:   |   | •           |                 |          |   |                    |  |  |
| 122   |   |             |                 |          |   |                    |  |  |
| 123   |   |             |                 |          | Petitions to the Commissioner                 |                    |  |  |
| 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties)  146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:   | -   |             |                 |          | Petitions related to provisional applications |                    |  |  |
| 581 40 581 40 Recording each patent assignment per property (times number of properties)  146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:   |   |             |                 | 240      | Submission of Information Disclosure Stmt     |                    |  |  |
| property (times number of properties)  146 710 246 355 For filling a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  *Reduced by Basic Filling Fee Paid  SUBMITTED BY:  |   |             | 581             | 40       |   |                    |  |  |
| 146 710 246 355 For filing a submission after final rejection (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid   |   |             |                 |          | property (times number of properties)         | 40.00              |  |  |
| (see 37 CFR 1.129(a))  149 710 249 355 For each additional invention to be examined (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | 146                                       | 710         | 246             | 355      | For filing a submission after final rejection |                    |  |  |
| (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  |   |             |                 |          | (see 37 CFR 1.129(a))                         |                    |  |  |
| (see 37 CFR 1.129(a))  Other fee (specify)  Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | 149                                       | 710         | 249             | 355      | For each additional invention to be examined  |                    |  |  |
| Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  |   |             |                 |          | (see 37 CFR 1.129(a))                         |                    |  |  |
| Other fee (specify)  SUBTOTAL (3) \$ 40.00  *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  |   |             |                 |          | ,   |                    |  |  |
| *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | Other                                     | fee (speci  | ify)        _   |          |   |                    |  |  |
| *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | Othor                                     | faa /anaai  | ifu)            |          |   |                    |  |  |
| *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | Other                                     | iee (speci  | עיי –           |          |   |                    |  |  |
| *Reduced by Basic Filing Fee Paid  SUBMITTED BY:  | ŀ   |             |                 |          |   | <b>*</b> 40.00     |  |  |
| SUBMITTED BY:   |   |             |                 |          | SUBTOTAL (3)                                  | \$ 40.00           |  |  |
| SUBMITTED BY:   |   |             |                 |          |   |                    |  |  |
|   | *Redu                                     | ced by Basi | ic Filing Fe    | e Paid   |   |                    |  |  |
|   |   |             |                 |          |   |                    |  |  |
| Typed or Printed Name: Richard Aron Osman   | SUBI                                      | MITTED B    | Y:              |          |   |                    |  |  |
|   | Typed or Printed Name: Richard Aron Osman |             |                 |          |   |                    |  |  |
| Signature   | Signa                                     | ature _     | 40              | 6        | Date January 8, 200                           | )1                 |  |  |
| Reg. Number 36.627 Deposit Account User ID  | Den                                       | Moundan     | 26.60           | 7        | Denosit Account User ID                       |                    |  |  |
| Reg. Number 36,627 Deposit Account User ID (complete if applicable)   | neg.                                      | namber      | 30,02           | <u> </u> |   | ete if applicable) |  |  |